

## **Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

- 1) (currently amended) An acoustic waveguide for propagating sound radiation from an acoustic transducer having a throat and a mouth termination, wherein two ~~or more~~ sections ~~lie~~ along the length of said waveguide, wherein the first section is connected to said throat and has a ~~have~~ bounding surfaces that ~~are~~ is substantially Elliptic Cylinder and whose output is directly connected to the second section, which is substantially Prolate Spheroidal and having an output which is said ~~coordinates from the throat to the mouth~~ termination.
- 2) (Cancelled) The waveguide of claim 1 having a first and second section wherein; the first waveguide section is Elliptic Cylinder and the second is Prolate Spheroidal.
- 3) The waveguide of claim 1 wherein;  
~~the~~ a mouth termination has a radius.
- 4) (Cancelled) The waveguide of claim 2 wherein;  
~~the~~ a mouth termination has a radius.